

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	18	403/274.ccls. and (spacer or bush)	USPAT	OR	OFF	2007/04/18 15:25
S1	1	("6298633").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:46
S2	1	("6055790").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 12:13
S3	1	("5860780").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 17:36
S4	79	52/782	USPAT	OR	OFF	2007/04/16 17:34
S5	87371	S4 and spacer and tubular and flangeand ridge	USPAT	OR	OFF	2007/04/16 14:50
S7	20569	S4 and spacer with tubular (flange and ridge)	USPAT	OR	OFF	2007/04/16 14:53
S8	3929	S4 and spacer with tubular (flange and ridge)and panel	USPAT	OR	OFF	2007/04/16 14:53
S9	470	S4 and spacer with tubular (flange and ridge)with panel	USPAT	OR	OFF	2007/04/16 14:56
S10	11	S4 and spacer with tubular (flange adj ridge)with panel	USPAT	OR	OFF	2007/04/16 14:56
S12	12	52/782 and spacer	USPAT	OR	OFF	2007/04/16 15:11
S13	91854	"52"/\$.ccls.	USPAT	OR	OFF	2007/04/16 17:13
S14	91854	"52"/\$.ccls.	USPAT	OR	OFF	2007/04/16 17:16
S15	4549	S14 and spacer(tubular adj body) and flange with ridge	USPAT	OR	OFF	2007/04/16 17:19
S16	4407	S14 and spacer(tubular adj body) with flange with ridge with rivet with panel with fastener	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 17:22
S17	216	S16 and bore and angle	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 17:23
S18	124	S16 and bore and angle and thickness	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 17:27
S19	27	S16 and bore and angle and thick and piece	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 17:27
S20	28	52/782.24.ccls.	USPAT	OR	OFF	2007/04/16 18:08
S21	87	(52/782.22).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 18:14

EAST Search History

S22	<i>Revised</i> 46	52/782.24.CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/17 08:12
S23	<i>MA</i> 19	("4729705").URPN.	USPAT	OR	OFF	2007/04/17 08:30
S33	91866	"52"/\$.ccls.	USPAT	OR	OFF	2007/04/17 08:39
S34	4407	S33 and spacer(tubular adj body) with flange with ridge with rivet with panel with fastener	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 08:39
S35	<i>Revised</i> 46	52/782.24.CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/17 08:42
S39	<i>MA</i> 19	("4729705").URPN.	USPAT	OR	OFF	2007/04/17 13:55
S56	1	("6352038").URPN.	USPAT	OR	OFF	2007/04/17 08:47
S63	8	("5992115").URPN.	USPAT	OR	OFF	2007/04/17 08:48
S66	8	("5992115").URPN.	USPAT	OR	OFF	2007/04/17 08:48
S67	19	("4729705").URPN.	USPAT	OR	OFF	2007/04/17 13:58
S68	16	52/782.24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 12:05
S69	<i>MA</i> 48	52/782.24.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 12:05
S70	<i>MA</i> 32	("3130503" "3282015" "3339609" "3392225" "3461936" "3884006" "3918130" "4063582").PN. OR ("4729705"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 12:43
S71	<i>Revised</i> 10	"5378099"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 12:43
S72	<i>MA</i> 21	("2957196" "3041912" "3504723" "4399642" "4717612" "4729705" "4800643" "4846612" "4930959" "4941785" "5013613" "5082405" "5093957" "5240543" "5378099" "5480729").PN. OR ("6264412"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 12:46

EAST Search History

S73	462	52/783.1.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 13:59
S74	<i>Review</i> 27	S73 and spacer	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:05
S75	<i>Review</i> 64	52/782.23.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:08
S76	87	52/782.22.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:12
S77	1	S76 and spacer	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:09
S78	<i>Review</i> 40	52/782.21.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:14
S79	127	52/782.2.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:16
S80	<i>Review</i> 3	S79 and washer	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:15
S81	<i>Review</i> 5	S79 and spacer	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:15
S82	182	52/782.11.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:16
S83	2	S82 and fastener	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:17
S84	127	52/782.2.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:24
S85	4	"5480729"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:24
S86	<i>Review</i> 2	("6264412").URPN.	USPAT	OR	OFF	2007/04/17 14:32
S87	<i>Review</i> 19	("2957196" "3041912" "3504723" "4399642" "4717612" "4729705" "4800643" "4846612" "4930959" "4941785" "5013613" "5082405" "5093957" "5240543" "5378099" "5480729").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:56

EAST Search History

S88	324	411/352.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:56
S89	14	S88 and washer and angle	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:57
S90	1	("2004/0096292").URPN.	USPAT	OR	OFF	2007/04/17 15:07
S91	2	Tubuler and spacer and washer	USPAT	OR	OFF	2007/04/17 15:08
S92	305	411/107.ccls.	USPAT	OR	OFF	2007/04/17 15:08
S93	20	S92 and spacer	USPAT	OR	OFF	2007/04/17 15:12
S94	177	411/546.ccls.	USPAT	OR	OFF	2007/04/17 15:13
S95	41	S94 and piece	USPAT	OR	ON	2007/04/17 15:29
S96	65	52/107.ccls.	USPAT	OR	ON	2007/04/17 15:31
S97	143	52/546.ccls.	USPAT	OR	ON	2007/04/17 15:32
S98	4	"L137" and spring and washer	USPAT	OR	ON	2007/04/17 15:34
S99	24	("0992877" "1815167" "2272058" "2705820" "3151713" "3320712" "3687496" "4000591" "4748780" "5729951").PN. OR ("5992115"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 15:51
S10 0	11	("2188422" "3443473" "3526072" "4812193" "5093957" "6055790").PN. OR ("6298633"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:48
S10 1	20	("3137887" "3252493" "3443473" "3526072" "4557100" "4577402" "4812193" "4817264" "5093957" "5149235" "5207462" "5437750" "6055790" "6095738" "6298633" "6488460").PN. OR ("6862863"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:48
S10 2	37	("0121060" "1396455" "2001290" "2024070" "3200296" "3346286" "3699637" "3908188" "4321423" "4357746" "4403102").PN. OR ("4577402"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:58
S10 3	19	("2967593" "3099057" "3137887" "3252493" "3296765" "4056878" "4232496" "4399642").PN. OR ("4557100"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:59
S10 4	12	("3526072").URPN.	USPAT	OR	OFF	2007/04/17 17:02

EAST Search History

S10 5	12	("3443473").URPN.	USPAT	OR	OFF	2007/04/17 17:03
S10 6	21	("3252493").URPN.	USPAT	OR	OFF	2007/04/17 17:04
S10 7	12	("3137887").URPN.	USPAT	OR	OFF	2007/04/17 17:06
S10 8	12	("3526072").URPN.	USPAT	OR	OFF	2007/04/17 17:07
S10 9	(20)	("3137887" "3252493" "3443473" "3526072" "4557100" "4577402" "4812193" "4817264" "5093957" "5149235" "5207462" "5437750" "6055790" "6095738" "6298633" "6488460").PN. OR ("6862863"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:10
S11 0	(24)	("1409606" "2700172" "2761484" "2957196" "3556570" "3678535" "3771410" "4112993" "4296586" "4464090" "4761860" "4828442" "5069586" "5093957" "5147167" "6264412").PN. OR ("6488460"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:11
S11 1	(21)	("2957196" "3041912" "3504723" "4399642" "4717612" "4729705" "4800643" "4846612" "4930959" "4941785" "5013613" "5082405" "5093957" "5240543" "5378099" "5480729").PN. OR ("6264412"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:11
S11 2	(32)	("3130503" "3282015" "3339609" "3392225" "3461936" "3884006" "3918130" "4063582").PN. OR ("4729705"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:12
S11 3	21	("3339609").URPN.	USPAT	OR	OFF	2007/04/17 17:14
S11 4	(18)	("3285311" "3339609" "3564798" "3621557" "3662805").PN. OR ("3884006"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:15
S11 5	(15)	("3282015" "3510916" "3564798" "3884006" "4212610" "4341053" "4509308").PN. OR ("4846612").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:17

EAST Search History

S11 6	<i>Push</i> (38)	("20020100540" "20020124952" "20030196761" "3019865" "3339609" "3504723" "3964531" "4121963" "4752171" "4812193" "4817264" "4846612" "4902180" "4973208" "4993902" "5240543" "5302069" "5378099" "5431518" "5437750" "5553984" "5632582" "5840147" "5843265" "6096256" "6153035" "6217695" "6264412" "6273985" "6278562" "6299596" "6350093" "6485130" "6488460" "6695527").PN. OR ("7195436"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:17
S11 7	<i>Push</i> (15)	("3282015" "3510916" "3564798" "3884006" "4212610" "4341053" "4509308").PN. OR ("4846612").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:19
S11 8	<i>Push</i> (34)	("3510916" "3528466" "3722671" "4093491" "4415083" "4427471" "4477307" "4551189" "4566924" "4758392" "4761871" "4780035" "4784591" "4817264" "4824304" "4832549" "4846612" "4865792" "5087320" "5096532" "5110403" "5143216" "5147482" "5437750" "5536344" "5593120" "5725704" "6001202").PN. OR ("6153035"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:21
S11 9	<i>Push</i> (15)	("3282015" "3510916" "3564798" "3884006" "4212610" "4341053" "4509308").PN. OR ("4846612").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:23
S12 0	<i>Push</i> (21)	("3252493" "3313078" "3504723").PN. OR ("4341053"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:25
S12 1	<i>Push</i> (18)	("3285311" "3339609" "3564798" "3621557" "3662805").PN. OR ("3884006"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:29

EAST Search History

S12 2	<i>38</i>	("20020100540" "20020124952" "20030196761" "3019865" "3339609" "3504723" "3964531" "4121963" "4752171" "4812193" "4817264" "4846612" "4902180" "4973208" "4993902" "5240543" "5302069" "5378099" "5431518" "5437750" "5553984" "5632582" "5840147" "5843265" "6096256" "6153035" "6217695" "6264412" "6273985" "6278562" "6299596" "6350093" "6485130" "6488460" "6695527").PN. OR ("7195436"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:32
S12 3	563	403/274.ccls.	USPAT	OR	OFF	2007/04/18 12:13
S12 4	1	403/274.ccls.and spacer and bush\$	USPAT	OR	OFF	2007/04/18 12:15
S12 5	14	403/274.ccls.and spacer	USPAT	OR	OFF	2007/04/18 12:15
S12 6	16	("0269412" "1098974" "2010569" "2464152" "3405597" "4437784" "4502832" "5052887" "5195756").PN. OR ("5466119").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 12:17
S12 7	459	403/281.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 12:18
S12 8	7	403/281.ccls.and spacer	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 12:19
S12 9	111	52/705.ccls.	USPAT	OR	OFF	2007/04/18 12:25
S13 0	5	("2782883").URPN.	USPAT	OR	OFF	2007/04/18 12:27
S13 1	31	("2210441" "2391792" "2782883" "2799899" "2857950" "2945653" "2980155" "3130940" "3160188" "3332182" "3434262" "3579942" "3778957" "3936927" "4109429" "4137681").PN. OR ("4520601"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 12:30
S13 2	1	("2799899").URPN.	USPAT	OR	OFF	2007/04/18 12:31
S13 3	5	("2782883").URPN.	USPAT	OR	OFF	2007/04/18 12:32

EAST Search History

S13 4	1	("2799899").URPN.	USPAT	OR	OFF	2007/04/18 12:43
S13 5	115439	"411"	USPAT	OR	OFF	2007/04/18 12:36
S13 6	263	411/43.ccls.	USPAT	OR	OFF	2007/04/18 12:39
S13 7	MA (8)	411/43.ccls.and spacer	USPAT	OR	OFF	2007/04/18 12:39
S13 8	368	411/82.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/18 12:43
S13 9	MA (10)	411/82.ccls.and bushing	US-PGPUB; USPAT	OR	OFF	2007/04/18 12:46
S14 0	335	411/107.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/18 12:47
S14 1	(23)	411/107.ccls.and spacer	US-PGPUB; USPAT	OR	OFF	2007/04/18 12:49
S14 2	191	411/546.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/18 12:49
S14 3	MA (58)	411/546.ccls.and spacer	US-PGPUB; USPAT	OR	OFF	2007/04/18 12:59
S14 4	191	411/546.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/18 13:14
S14 5	377	411/34.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/18 13:15
S14 6	144	411/34.ccls.and sleeve	US-PGPUB; USPAT	OR	OFF	2007/04/18 13:15
S14 7	MA (15)	("2588907" "2641378" "3236143" "3257889" "3263466").PN. OR ("3686914"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 13:26
S14 8	8	("2514113" "3279302").PN. OR ("3673913").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 13:29
S14 9	569	403/274.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/18 13:59
S15 0	MA (19)	403/274.ccls.and(spacer or bush)	US-PGPUB; USPAT	OR	OFF	2007/04/18 13:59
S15 1	MA (24)	("3938239" "4018257" "4490904" "4630362").PN. OR ("4810143").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:03
S15 2	459	403/281.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:04

EAST Search History

S15 3	9	403/281.ccls.and(spacer or bush)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:05
S15 4	26	403/274.ccls.and(spacer or bush)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:32
S15 5	754	52/794.1.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:33
S15 6	84	52/794.1.ccls.and (spacer or bush)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:34
S15 7	3	("3074522").URPN.	USPAT	OR	OFF	2007/04/18 14:36
S15 8	489	52/794.1.ccls.	USPAT	OR	OFF	2007/04/18 14:37
S15 9	49	52/794.1.ccls.and (spacer or bush)	USPAT	OR	OFF	2007/04/18 14:37
S16 0	3	("3074522").URPN.	USPAT	OR	OFF	2007/04/18 14:40
S16 1	235	52/677.ccls.	USPAT	OR	OFF	2007/04/18 14:40
S16 2	63	52/677.ccls.and (spacer or bushing)	USPAT	OR	OFF	2007/04/18 14:40
S16 3	4	("3044217").URPN.	USPAT	OR	OFF	2007/04/18 14:50
S16 4	138	52/784.15.ccls.	USPAT	OR	OFF	2007/04/18 14:51
S16 5	9	52/784.15.ccls. and spacer	USPAT	OR	OFF	2007/04/18 15:04
S16 7	563	403/274.ccls.	USPAT	OR	OFF	2007/04/18 15:05
S16 8	18	403/274.ccls.and (spacer or bush)	USPAT	OR	OFF	2007/04/18 15:07
S17 0	260	403/281.ccls.	USPAT	OR	OFF	2007/04/18 15:08
S17 1	579	403/282.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/18 15:09
S17 2	28	403/282.ccls.and (spacer or bush)	US-PGPUB; USPAT	OR	OFF	2007/04/18 15:10
S17 3	39	403/282.ccls. and (spacer or bushing)	USPAT	OR	OFF	2007/04/18 15:22

EAST Search History

Search by
Lynde Jasmin
4/18/07

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	658	(spacer near fastener)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L2	7343	(spacer with fastener)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:34
L3	8	L2 and 52/?..ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:27
L4	12300	(spacer same fastener)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L5	11	L4 and 52/?..ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L6	31	52/782.24.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L7	19	("4729705").URPN.	USPAT	OR	ON	2007/04/18 15:24
L8	12	("3443473").URPN.	USPAT	OR	ON	2007/04/18 15:24
L9	6	("5860780").URPN.	USPAT	OR	ON	2007/04/18 15:24
L10	25	((("6,298,633") or ("6,055,790") or ("5,860,780") or ("5,738,475") or ("5,645,383") or ("5,333,980") or ("5,093,957") or ("4,823,921") or ("4,817,264") or ("4,812,193") or ("4,363,580") or ("4,296,586") or ("3,526,072"))).PN.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/04/18 15:24
L11	26	((("6,298,633") or ("6,055,790") or ("5,860,780") or ("5,738,475") or ("5,645,383") or ("5,333,980") or ("5,093,957") or ("4,823,921") or ("4,817,264") or ("4,812,193") or ("4,363,580") or ("4,296,586") or ("3,526,07"))).PN.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/04/18 15:24
L12	151	"6298633" "6,055,790" "5,860,780" "5,738,475" "5,645,383" "5,333,980" "5,093,957" "4,823,921" "4,817,264" "4,812,193" "4,363,580" "4,296,586" "3,526,07"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L13	120	52/787.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L14	5	("4170919").URPN.	USPAT	OR	ON	2007/04/18 15:24

EAST Search History

L15	2	("5599147").URPN.	USPAT	OR	ON	2007/04/18 15:24
L16	0	("6551040").URPN.	USPAT	OR	ON	2007/04/18 15:24
L17	3	("6077009").URPN.	USPAT	OR	ON	2007/04/18 15:24
L18	5	("4833775").URPN.	USPAT	OR	ON	2007/04/18 15:24
L19	21	("3252493").URPN.	USPAT	OR	ON	2007/04/18 15:24
L20	0	("6551040").URPN.	USPAT	OR	ON	2007/04/18 15:24
L21	18	("3148578" "3288016" "3702088" "3880042" "4355934" "4405273" "4473914" "4627775" "4639179" "4784551" "4844673" "4863325" "5102274" "5569006" "5603592" "6077009").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 15:24
L22	73	52/787.1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L23	688860	spacer or bush\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L24	688860	spacer or bush\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L25	122	L24 and 52/? .ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L26	688860	spacer or bush\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L27	10175	(spacer or bush\$3) with fastener	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L28	10175	(spacer or bush\$3) with fastener	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L29	10175	L28 and 411/? .ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L30	10175	(spacer or bush\$3) with fastener	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L31	12300	(spacer same fastener)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24

EAST Search History

L32	6025	(spacer near10 fastener)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L33	7	("3796125").URPN.	USPAT	OR	ON	2007/04/18 15:24
L34	11	L28 and 52/? .ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L35	10175	(spacer or bush\$3) with fastener	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L36	9	L28 and 411/? .ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L37	10175	(spacer or bush\$3) with fastener	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L38	7343	(spacer with fastener)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L39	4125	(spacer near5 fastener)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L40	1667	(spacer near2 fastener)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L41	11	4 and 52/? .ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:28
L42	11	35 and 52/? .ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:28
L43	122	23 and 52/? .ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:34
L44	17717	(panel with spacer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:35
L45	2244	44 and fastener	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:35

EAST Search History

L46	0	45 and (annular adj ridge)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:36
L47	5	45 and (annular adj ridge)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:37
L48	0	("2005/0155305").URPN.	USPAT	OR	ON	2007/04/18 15:37
L49	0	("2005/0155305").URPN.	USPAT	OR	ON	2007/04/18 15:37
L50	1122	45 and (flange)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:38
L51	713	50 and angle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:38
L52	0	("2002/0050105").URPN.	USPAT	OR	ON	2007/04/18 15:50
L53	0	("6862863").URPN.	USPAT	OR	ON	2007/04/18 15:52
L54	20	("3137887" "3252493" "3443473" "3526072" "4557100" "4577402" "4812193" "4817264" "5093957" "5149235" "5207462" "5437750" "6055790" "6095738" "6298633" "6488460").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 15:52
L55	15	("4817264").URPN.	USPAT	OR	ON	2007/04/18 15:55
L56	12	("3443473").URPN.	USPAT	OR	ON	2007/04/18 16:08
L57	6	("3892099").URPN.	USPAT	OR	ON	2007/04/18 16:21
L58	22	("2585557" "2607447" "2967593" "3042156" "3137887" "3282015" "3384142" "3434262" "3443473" "3526072" "3651563" "3716092").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 16:23
L59	12	("3443473").URPN.	USPAT	OR	ON	2007/04/18 16:23
L60	22	("4232496").URPN.	USPAT	OR	ON	2007/04/18 16:24
L61	6	("4557100").URPN.	USPAT	OR	ON	2007/04/18 16:34
L62	21	("3252493").URPN.	USPAT	OR	ON	2007/04/18 16:52
L63	12	("3137887").URPN.	USPAT	OR	ON	2007/04/18 17:01

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	569	403/274.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/18 13:59
L2	19	403/274.ccls.and(spacer or bush)	US-PGPUB; USPAT	OR	OFF	2007/04/18 13:59
L3	24	("3938239" "4018257" "4490904" "4630362").PN. OR ("4810143").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:03
L4	459	403/281.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:04
L5	9	403/281.ccls.and(spacer or bush)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:05
L6	26	403/274.ccls.and(spacer or bush)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:32
L7	754	52/794.1.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:33
L8	84	52/794.1.ccls.and (spacer or bush)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:34
L9	3	("3074522").URPN.	USPAT	OR	OFF	2007/04/18 14:36
L10	489	52/794.1.ccls.	USPAT	OR	OFF	2007/04/18 14:37
L11	49	52/794.1.ccls.and (spacer or bush)	USPAT	OR	OFF	2007/04/18 14:37
L12	3	("3074522").URPN.	USPAT	OR	OFF	2007/04/18 14:40
L13	235	52/677.ccls.	USPAT	OR	OFF	2007/04/18 14:40
L14	63	52/677.ccls.and (spacer or bushing)	USPAT	OR	OFF	2007/04/18 14:40
L15	4	("3044217").URPN.	USPAT	OR	OFF	2007/04/18 14:50
L16	138	52/784.15.ccls.	USPAT	OR	OFF	2007/04/18 14:51
L17	9	52/784.15.ccls. and spacer	USPAT	OR	OFF	2007/04/18 14:51
S1	1	("6298633").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:46
S2	1	("6055790").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 12:13
S3	1	("5860780").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 17:36
S4	79	52/782	USPAT	OR	OFF	2007/04/16 17:34

EAST Search History

S5	87371	S4 and spacer and tubular and flangeand ridge	USPAT	OR	OFF	2007/04/16 14:50
S7	20569	S4 and spacer with tubular (flange and ridge)	USPAT	OR	OFF	2007/04/16 14:53
S8	3929	S4 and spacer with tubular (flange and ridge)and panel	USPAT	OR	OFF	2007/04/16 14:53
S9	470	S4 and spacer with tubular (flange and ridge)with panel	USPAT	OR	OFF	2007/04/16 14:56
S10	11	S4 and spacer with tubular (flange adj ridge)with panel	USPAT	OR	OFF	2007/04/16 14:56
S12	12	52/782 and spacer	USPAT	OR	OFF	2007/04/16 15:11
S13	91854	"52"/\$.ccls.	USPAT	OR	OFF	2007/04/16 17:13
S14	91854	"52"/\$.ccls.	USPAT	OR	OFF	2007/04/16 17:16
S15	4549	S14 and spacer(tubular adj body) and flange with ridge	USPAT	OR	OFF	2007/04/16 17:19
S16	4407	S14 and spacer(tubular adj body) with flange with ridge with rivet with panel with fastener	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 17:22
S17	216	S16 and bore and angle	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 17:23
S18	124	S16 and bore and angle and thickness	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 17:27
S19	27	S16 and bore and angle and thick and piece	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 17:27
S20	28	52/782.24.ccls.	USPAT	OR	OFF	2007/04/16 18:08
S21	87	(52/782.22).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 18:14
S22	46	52/782.24.CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/17 08:12
S23	19	("4729705").URPN.	USPAT	OR	OFF	2007/04/17 08:30
S33	91866	"52"/\$.ccls.	USPAT	OR	OFF	2007/04/17 08:39
S34	4407	S33 and spacer(tubular adj body) with flange with ridge with rivet with panel with fastener	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 08:39
S35	46	52/782.24.CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/17 08:42
S39	19	("4729705").URPN.	USPAT	OR	OFF	2007/04/17 13:55
S56	1	("6352038").URPN.	USPAT	OR	OFF	2007/04/17 08:47

EAST Search History

S63	8	("5992115").URPN.	USPAT	OR	OFF	2007/04/17 08:48
S66	8	("5992115").URPN.	USPAT	OR	OFF	2007/04/17 08:48
S67	19	("4729705").URPN.	USPAT	OR	OFF	2007/04/17 13:58
S68	16	52/782.24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 12:05
S69	48	52/782.24.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 12:05
S70	32	("3130503" "3282015" "3339609" "3392225" "3461936" "3884006" "3918130" "4063582").PN. OR ("4729705"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 12:43
S71	10	"5378099"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 12:43
S72	21	("2957196" "3041912" "3504723" "4399642" "4717612" "4729705" "4800643" "4846612" "4930959" "4941785" "5013613" "5082405" "5093957" "5240543" "5378099" "5480729").PN. OR ("6264412"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 12:46
S73	462	52/783.1.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 13:59
S74	27	S73 and spacer	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:05
S75	64	52/782.23.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:08
S76	87	52/782.22.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:12
S77	1	S76 and spacer	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:09

EAST Search History

S78	40	52/782.21.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:14
S79	127	52/782.2.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:16
S80	3	S79 and washer	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:15
S81	5	S79 and spacer	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:15
S82	182	52/782.11.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:16
S83	2	S82 and fastener	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:17
S84	127	52/782.2.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:24
S85	4	"5480729"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:24
S86	2	("6264412").URPN.	USPAT	OR	OFF	2007/04/17 14:32
S87	19	("2957196" "3041912" "3504723" "4399642" "4717612" "4729705" "4800643" "4846612" "4930959" "4941785" "5013613" "5082405" "5093957" "5240543" "5378099" "5480729").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:56
S88	324	411/352.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:56
S89	14	S88 and washer and angle	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:57
S90	1	("2004/0096292").URPN.	USPAT	OR	OFF	2007/04/17 15:07
S91	2	Tubuler and spacer and washer	USPAT	OR	OFF	2007/04/17 15:08
S92	305	411/107.ccls.	USPAT	OR	OFF	2007/04/17 15:08
S93	20	S92 and spacer	USPAT	OR	OFF	2007/04/17 15:12
S94	177	411/546.ccls.	USPAT	OR	OFF	2007/04/17 15:13
S95	41	S94 and piece	USPAT	OR	ON	2007/04/17 15:29
S96	65	52/107.ccls.	USPAT	OR	ON	2007/04/17 15:31

EAST Search History

S97	143	52/546.ccls.	USPAT	OR	ON	2007/04/17 15:32
S98	4	"L137" and spring and washer	USPAT	OR	ON	2007/04/17 15:34
S99	24	("0992877" "1815167" "2272058" "2705820" "3151713" "3320712" "3687496" "4000591" "4748780" "5729951").PN. OR ("5992115"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 15:51
S10 0	11	("2188422" "3443473" "3526072" "4812193" "5093957" "6055790").PN. OR ("6298633"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:48
S10 1	20	("3137887" "3252493" "3443473" "3526072" "4557100" "4577402" "4812193" "4817264" "5093957" "5149235" "5207462" "5437750" "6055790" "6095738" "6298633" "6488460").PN. OR ("6862863"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:48
S10 2	37	("0121060" "1396455" "2001290" "2024070" "3200296" "3346286" "3699637" "3908188" "4321423" "4357746" "4403102").PN. OR ("4577402"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:58
S10 3	19	("2967593" "3099057" "3137887" "3252493" "3296765" "4056878" "4232496" "4399642").PN. OR ("4557100"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:59
S10 4	12	("3526072").URPN.	USPAT	OR	OFF	2007/04/17 17:02
S10 5	12	("3443473").URPN.	USPAT	OR	OFF	2007/04/17 17:03
S10 6	21	("3252493").URPN.	USPAT	OR	OFF	2007/04/17 17:04
S10 7	12	("3137887").URPN.	USPAT	OR	OFF	2007/04/17 17:06
S10 8	12	("3526072").URPN.	USPAT	OR	OFF	2007/04/17 17:07
S10 9	20	("3137887" "3252493" "3443473" "3526072" "4557100" "4577402" "4812193" "4817264" "5093957" "5149235" "5207462" "5437750" "6055790" "6095738" "6298633" "6488460").PN. OR ("6862863"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:10

EAST Search History

S11 0	24	("1409606" "2700172" "2761484" "2957196" "3556570" "3678535" "3771410" "4112993" "4296586" "4464090" "4761860" "4828442" "5069586" "5093957" "5147167" "6264412").PN. OR ("6488460"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:11
S11 1	21	("2957196" "3041912" "3504723" "4399642" "4717612" "4729705" "4800643" "4846612" "4930959" "4941785" "5013613" "5082405" "5093957" "5240543" "5378099" "5480729").PN. OR ("6264412"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:11
S11 2	32	("3130503" "3282015" "3339609" "3392225" "3461936" "3884006" "3918130" "4063582").PN. OR ("4729705"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:12
S11 3	21	("3339609").URPN.	USPAT	OR	OFF	2007/04/17 17:14
S11 4	18	("3285311" "3339609" "3564798" "3621557" "3662805").PN. OR ("3884006"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:15
S11 5	15	("3282015" "3510916" "3564798" "3884006" "4212610" "4341053" "4509308").PN. OR ("4846612").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:17
S11 6	38	("20020100540" "20020124952" "20030196761" "3019865" "3339609" "3504723" "3964531" "4121963" "4752171" "4812193" "4817264" "4846612" "4902180" "4973208" "4993902" "5240543" "5302069" "5378099" "5431518" "5437750" "5553984" "5632582" "5840147" "5843265" "6096256" "6153035" "6217695" "6264412" "6273985" "6278562" "6299596" "6350093" "6485130" "6488460" "6695527").PN. OR ("7195436"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:17
S11 7	15	("3282015" "3510916" "3564798" "3884006" "4212610" "4341053" "4509308").PN. OR ("4846612").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:19

EAST Search History

S11 8	34	("3510916" "3528466" "3722671" "4093491" "4415083" "4427471" "4477307" "4551189" "4566924" "4758392" "4761871" "4780035" "4784591" "4817264" "4824304" "4832549" "4846612" "4865792" "5087320" "5096532" "5110403" "5143216" "5147482" "5437750" "5536344" "5593120" "5725704" "6001202").PN. OR ("6153035"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:21
S11 9	15	("3282015" "3510916" "3564798" "3884006" "4212610" "4341053" "4509308").PN. OR ("4846612").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:23
S12 0	21	("3252493" "3313078" "3504723").PN. OR ("4341053"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:25
S12 1	18	("3285311" "3339609" "3564798" "3621557" "3662805").PN. OR ("3884006"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:29
S12 2	38	("20020100540" "20020124952" "20030196761" "3019865" "3339609" "3504723" "3964531" "4121963" "4752171" "4812193" "4817264" "4846612" "4902180" "4973208" "4993902" "5240543" "5302069" "5378099" "5431518" "5437750" "5553984" "5632582" "5840147" "5843265" "6096256" "6153035" "6217695" "6264412" "6273985" "6278562" "6299596" "6350093" "6485130" "6488460" "6695527").PN. OR ("7195436"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:32
S12 3	563	403/274.ccls.	USPAT	OR	OFF	2007/04/18 12:13
S12 4	1	403/274.ccls.and spacer and bush\$	USPAT	OR	OFF	2007/04/18 12:15
S12 5	14	403/274.ccls.and spacer	USPAT	OR	OFF	2007/04/18 12:15
S12 6	16	("0269412" "1098974" "2010569" "2464152" "3405597" "4437784" "4502832" "5052887" "5195756").PN. OR ("5466119").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 12:17

EAST Search History

S12 7	459	403/281.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 12:18
S12 8	7	403/281.ccls.and spacer	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 12:19
S12 9	111	52/705.ccls.	USPAT	OR	OFF	2007/04/18 12:25
S13 0	5	("2782883").URPN.	USPAT	OR	OFF	2007/04/18 12:27
S13 1	31	("2210441" "2391792" "2782883" "2799899" "2857950" "2945653" "2980155" "3130940" "3160188" "3332182" "3434262" "3579942" "3778957" "3936927" "4109429" "4137681").PN. OR ("4520601"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 12:30
S13 2	1	("2799899").URPN.	USPAT	OR	OFF	2007/04/18 12:31
S13 3	5	("2782883").URPN.	USPAT	OR	OFF	2007/04/18 12:32
S13 4	1	("2799899").URPN.	USPAT	OR	OFF	2007/04/18 12:43
S13 5	115439	"411"	USPAT	OR	OFF	2007/04/18 12:36
S13 6	263	411/43.ccls.	USPAT	OR	OFF	2007/04/18 12:39
S13 7	8	411/43.ccls.and spacer	USPAT	OR	OFF	2007/04/18 12:39
S13 8	368	411/82.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/18 12:43
S13 9	10	411/82.ccls.and bushing	US-PGPUB; USPAT	OR	OFF	2007/04/18 12:46
S14 0	335	411/107.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/18 12:47
S14 1	23	411/107.ccls.and spacer	US-PGPUB; USPAT	OR	OFF	2007/04/18 12:49
S14 2	191	411/546.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/18 12:49
S14 3	58	411/546.ccls.and spacer	US-PGPUB; USPAT	OR	OFF	2007/04/18 12:59
S14 4	191	411/546.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/18 13:14
S14 5	377	411/34.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/18 13:15

EAST Search History

S14 6	144	411/34.ccls.and sleeve	US-PGPUB; USPAT	OR	OFF	2007/04/18 13:15
S14 7	15	("2588907" "2641378" "3236143" "3257889" "3263466").PN. OR ("3686914"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 13:26
S14 8	8	("2514113" "3279302").PN. OR ("3673913").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 13:29